

In the Claims:

Please cancel claims 1 and 14, without prejudice.

Please amend claims 2, 5, 7, 8, 9, 10, 12, 13, 16 and 17 as follows:

1. (Canceled)

2. (Currently Amended) A storage device having a mechanism, which loads a replaceable storage medium into the body of said storage device, mounted on a chassis, said loading mechanism including a spindle motor for rotating said storage medium, a lift plate on which said spindle motor is placed, and a lifting mechanism for moving said lift plate vertically to said chassis so as to attach or detach said spindle motor to or from said storage medium, said storage device ~~characterized in that~~comprising:

a constraining mechanism which constrains said lift plate to move towards said storage medium ~~is interposed between said chassis and said lift plate, said constraining mechanism being fixed to said chassis so that the constraining force is exerted from said chassis to said lift plate; and~~

points to which constraining force exerted by said constraining mechanism ~~is being~~ applied are located on a surface of said lift plate opposite to said storage medium.

3. (Original) A storage device according to Claim 2, further comprising:

a holding mechanism which holds said lift plate away from said chassis with said storage medium not inserted in said body;

a freeing mechanism which frees said lift plate by moving said holding mechanism in a direction opposite to a direction of insertion of said storage medium at the

completion of inserting said storage medium into said body, and allowing said constraining mechanism to quickly move said lift plate towards said storage medium.

4. (Original) A storage device according to Claim 3, further comprising:
an Eject button used to instruct said body to eject said storage medium; and
an ejecting mechanism which, when said Eject button is pressed, ejects said storage medium inserted in said body out of said storage device after moving said holding mechanism in a direction opposite to a direction of ejection of said storage medium.

5. (Currently Amended) A storage device according to Claim 4, wherein:
two pairs of pins are located at laterally symmetrical positions on said lift plate in a direction orthogonal to the direction of insertion of said storage medium; and
said holding mechanism includes holding members for holding said pins with said storage medium not inserted in said body, grooves into which said pins are put when said holding mechanism is moved at the completion of inserting said storage medium into said body, and inclined planes that are engaged with said pins when said holding mechanism is moved in the direction opposite to the direction of ~~ejection~~insertion of said storage medium, and that thus separate said spindle motor from said storage medium.

6. (Original) A storage device according to Claim 1, wherein a constraining mechanism which constrains said lift plate to move towards said storage medium is interposed between said chassis and said lift plate, and points to which constraining force exerted by said

constraining mechanism is applied are located on a surface of said lift plate opposite to said storage medium.

7. (Currently amended) A storage device according to Claim 1, wherein said height adjusting mechanism consists of screw holes bored in said lift plate and tapping screws to be fitted into said screw holes.

8. (Currently amended) A storage device according to Claim 1, wherein a reference projection that abuts on said reference height level is formed on said chassis so that the reference projection will be opposed to said reference height level.

9. (Currently amended) A storage device according to Claim 1, wherein said height adjusting mechanism involves three points that are arranged at intervals of substantially 120° with the rotation shaft of said spindle motor as a center.

10. (Currently amended) A storage device according to Claim 9, wherein said three points involved in said height adjusting mechanism are separated from the rotation shaft of said spindle motor by a substantially equal distance.

11. (Original) A storage device according to Claim 2, wherein said constraining mechanism constrains the center of gravity of said lift plate.

12. (Currently amended) A storage device according to Claim 6, wherein said constraining mechanism constrains the geometric center of gravity that is a joint in said ~~lift plate~~tilt adjusting mechanism of said lift plate and said chassis.

13. (Currently amended) A storage device according to Claim 6, wherein said constraining mechanism constrains respective points near a joint in said ~~lift plate~~tilt adjusting mechanism of the lift plate and said chassis to move.

14. (Canceled)

15. (Original) A storage device according to Claim 11, wherein said constraining mechanism consists of blade springs.

16. (Currently amended) A storage device according to ~~Claim 1~~Claim 11, wherein said constraining mechanism consists of twisted coil springs.

17. (Currently amended) A storage device according to Claim 1, wherein slits are located at positions inside and outside an area on said lift plate occupied by said spindle motor, an extended lead to be coupled to a winding included in said spindle motor is led out to the back of said lift plate through said slit located inside the area, and led back to the front surface of said lift plate through said slit located outside the area.

18. (Currently amended) A storage device according to Claim 5, wherein the sides of said grooves, which are included in said holding mechanism and opposed to said inclined planes, are formed as vertical contact portions, and said contact portions cause a pressing force oriented in a ~~radial direction~~ direction opposite to the direction of insertion of the storage medium to operate on said pins with said pins received by said grooves.